

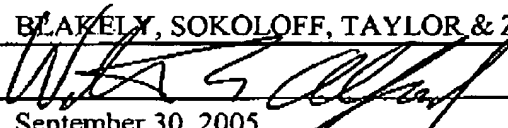
FACSIMILE: (714) 557-3347

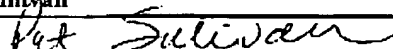
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SEP 30 2005

<b>TRANSMITTAL FORM</b> (to be used for all correspondence after initial filing)		Application No.	10/731,566
		Filing Date	December 8, 2003
		First Named Inventor	Gilbert C. Vandling
		Art Unit	2825
		Examiner Name	Vuthe Siek
Total Number of Pages in This Submission	16	Attorney Docket Number	6450P003

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form  <input type="checkbox"/> Fee Attached  <input checked="" type="checkbox"/> Amendment / Response  <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s)  <input type="checkbox"/> Extension of Time Request  <input type="checkbox"/> Express Abandonment Request  <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> PTO/SB/08  <input type="checkbox"/> Certified Copy of Priority Document(s)  <input type="checkbox"/> Response to Missing Parts/Incomplete Application  <input type="checkbox"/> Basic Filing Fee <input type="checkbox"/> Declaration/POA  <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s)  <input type="checkbox"/> Licensing-related Papers  <input type="checkbox"/> Petition  <input type="checkbox"/> Petition to Convert a Provisional Application  <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address  <input type="checkbox"/> Terminal Disclaimer  <input type="checkbox"/> Request for Refund  <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group  <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences  <input type="checkbox"/> Appeal Communication to Group (Apparatus, Brief, Reply Brief)  <input type="checkbox"/> Proprietary Information  <input type="checkbox"/> Status Letter  <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): <div style="border: 1px solid black; padding: 5px; margin-top: 5px;">Facsimile Transmittal Sheet</div>
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	William E. Alford, Reg. No. 37,764 BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
Signature	
Date	September 30, 2005

CERTIFICATE OF MAILING/TRANSMISSION			
I hereby certify that this correspondence is being transmitted via facsimile on the date shown below to the United States Patent and Trademark Office.			
Typed or printed name	Pat Sullivan		
Signature		Date	September 30, 2005

Based on PTO/SB/21 (04-04) as modified by Blakely, Sokoloff, Taylor & Zafman (M) 06/04/2004.  
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<b>FEE TRANSMITTAL for FY 2005</b> <small>Patent fees are subject to annual revision.</small>		Complete If Known	
		Application Number	10/731,566
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.		Filing Date	December 8, 2003
		First Named Inventor	Gilbert C. Vandling
<b>TOTAL AMOUNT OF PAYMENT</b> (\$) 0.00		Examiner Name	Vuthe Sick
		Art Unit	2825
		Attorney Docket No.	6450P003

**METHOD OF PAYMENT** (check all that apply)

☐ Check 
 ☐ Credit card 
 ☐ Money Order 
 ☐ None 
 ☐ Other (please identify): \_\_\_\_\_

☒ Deposit Account Deposit Account Number: 02-2666 Deposit Account Name: Blakely, Sokoloff, Taylor & Zafman LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☐ Charge fee(s) indicated below 
 ☐ Charge fee(s) indicated below, except for the filing fee

☒ Charge any additional fee(s) or underpayment of fee(s) under 37 CFR §§ 1.16, 1.17, 1.18 and 1.20. 
 ☐ Credit any overpayments

**FEE CALCULATION**

**1. EXTRA CLAIM FEES**

Total Claims	Extra Claims	Fee from below	Fee Paid
34	34	50.00	\$0.00
3	4	200.00	\$0.00

Multiple Dependent

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description
1202	2202	50	25	Claims in excess of 20
1201	2201	200	100	Independent claims in excess of 3
1203	2203	300	180	Multiple Dependent claim, if not paid
1204	2204	300	150	**Reissue independent claims over original patent
1205	2205	300	150	**Reissue claims in excess of 20 and over original patent

or number previously paid, if greater, For Reissues, see below

**SUBTOTAL (1)** (\$) 0.00

**2. ADDITIONAL FEES**

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid
1051	2051	130	65	Surcharge - late filing fee or oath	
1052	2052	50	25	Surcharge - late provisional filing fee or cover sheet	
2053	2053	130	130	Non-English specification	
1251	2251	120	60	Extension for reply within first month	
1252	2252	450	225	Extension for reply within second month	
1253	2253	1,020	510	Extension for reply within third month	
1254	2254	1,500	795	Extension for reply within fourth month	
1255	2255	2,180	1,080	Extension for reply within fifth month	
1401	2401	500	250	Notice of Appeal	
1402	2402	500	250	Filing a brief in support of an appeal	
1403	2403	1,000	500	Request for oral hearing	
1451	2451	1,510	1,510	Petition to institute a public use proceeding	
1480	2480	130	130	Petitions to the Commissioner	
1807	1807	50	50	Processing fee under 37 CFR 1.17(c)	
1808	1808	180	180	Submission of Information Disclosure Stmt	
1809	1809	790	395	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810	2810	790	395	For each additional invention to be examined (37 CFR § 1.129(b))	

Other fee (specify) \_\_\_\_\_

**SUBTOTAL (2)** (\$) \_\_\_\_\_

<b>SUBMITTED BY</b>		Complete (if applicable)	
Name (Print/Type)	William E. Adford	Registration No. (Attorney/Agent)	37,764
Signature		Telephone	(714) 557-3800
		Date	09/30/05

Based on PTO/SB/17 (12-04) as modified by Blakely, Sokoloff, Taylor & Zafman (last 12/15/2004).  
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<b>FEE TRANSMITTAL for FY 2005</b> <small>Patent fees are subject to annual revision.</small>		Complete if Known	
		Application Number	10/731,566
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.		Filing Date	December 8, 2003
		First Named Inventor	Gilbert C. Vandling
<b>TOTAL AMOUNT OF PAYMENT</b> (\$) 0.00		Examiner Name	Vuthe Siek
		Art Unit	2825
		Attorney Docket No.	6450P003

**METHOD OF PAYMENT** (check all that apply)

☐ Check 
 ☐ Credit card 
 ☐ Money Order 
 ☐ None 
 ☐ Other (please identify): \_\_\_\_\_

☒ Deposit Account Deposit Account Number: 02-2666 Deposit Account Name: Blakely, Sokoloff, Taylor & Zafman LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☐ Charge fee(s) indicated below 
 ☐ Charge fee(s) indicated below, except for the filing fee

☒ Charge any additional fee(s) or underpayment of fee(s) under 37 CFR §§ 1.16, 1.17, 1.18 and 1.20. 
 ☐ Credit any overpayments

**FEE CALCULATION**

**1. EXTRA CLAIM FEES**

Total Claims	Extra Claims	Fee from below	Fee Paid
34	34 - 34 = 0	50.00	\$0.00
Independent Claims	3 - 4 = 0	200.00	\$0.00
Multiple Dependent			

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
1202	60	2202	25	Claims in excess of 20
1201	200	2201	100	Independent claims in excess of 3
1203	360	2203	160	Multiple Dependent claim, if not paid
1204	300	2204	150	**Reissue independent claims over original patent
1205	300	2205	150	**Reissue claims in excess of 20 and over original patent
SUBTOTAL (1)				(5) 0.00

\*or number previously paid, if greater. For Reissues, see below

**2. ADDITIONAL FEES**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
2053	130	2053	130	Non-English specification	
1251	120	2251	80	Extension for reply within first month	
1252	450	2252	225	Extension for reply within second month	
1253	1,020	2253	510	Extension for reply within third month	
1254	1,590	2254	765	Extension for reply within fourth month	
1255	2,160	2255	1,080	Extension for reply within fifth month	
1401	500	2401	250	Notice of Appeal	
1402	500	2402	250	Filing a brief in support of an appeal	
1403	1,000	2403	500	Request for oral hearing	
1451	1,510	2451	1,510	Petition to institute a public use proceeding	
1460	130	2460	130	Petition to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(a)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
1809	790	1809	395	Filing a submission after final rejection (37 CFR § 1.128(a))	
1810	790	2810	395	For each additional invention to be examined (37 CFR § 1.128(b))	
Other fee (specify)					
SUBTOTAL (2)				(5)	

<b>SUBMITTED BY</b>		Complete (if applicable)	
Name (Print/Type)	William E. Alford	Registration No. (Attorney/Agent)	37,764
Signature		Telephone	(714) 557-3800
		Date	09/30/05

Based on PTO/SB/17 (12-04) as modified by Blakely, Sokoloff, Taylor & Zafman (M) 12/18/2004  
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Appl. No. 10/731,566

Dated 09/30/2005

Reply to Office Action of 08/30/2005

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SEP 30 2005

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application. No.: 10/731,566

Confirmation No. 5068

Applicant : Gilbert C. Vandling

Filed : 12/08/2003

For : METHOD AND APPARATUS FOR  
DESIGNS INTO EQUIVALENT COMBINATIONAL LOGIC

TC/A.U. : 2825

Examiner : SIEK, VUTHE

Docket No. : 6450.P003

Customer No. : 8791

## RESPONSE TO RESTRICTION REQUIREMENT OFFICE ACTION

Commissioner for Patents  
PO Box 1450  
Alexandria VA 22313-1450

Dear Sir:

In response to the Office Action mailed on 08/30/2005,  
please enter the following amendments and remarks in the above-  
identified patent application as follows below:

Claim Amendments begin on page 2.

Remarks begin on page 10.

Conclusion with signature is on page 12.

6450.P003

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WEA/phs